

10/501823

PTO/SB/08A (04-03)

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Substitute for Form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	
		Filing Date	
		First Named Inventor	Sébastien CANARD
		Art Unit	
		Examiner Name	
Sheet 1 of 1	Attorney Docket Number	5284-41PUS	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind-Code ² (if known)			
DB		US-5,191,193 A	03/02/1993	Le Roux	
		US-3,696,335A	10/03/1972	Lemelson	
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind-Code ⁵ (if known)				

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JP		US-4,734,564	03/29/1988	Boston et al.	
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code* Number* Kind-Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
JP		WO 00/08610	02/17/2000	Microsoft Corp.		
JP		EP 0 378 349 A2	01/09/1990	Visa Int'l Service Association		

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		Examiner Name	
Sheet 2 of 2	Attorney Docket Number	5284-41PUS	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DD		Knuth, "Art of Computer Programming", Vol. 3. Sorting and Searching, Addison-Wesley, pp. 559-563, 1973	
↓		J. Camenisch et al., "Efficient Group Signature Schemes for Large Groups", Advances in Cryptology, CRYPTO 97, Vol. 1296 of LNCS, pp. 410-424, Springer-Verlag 1997	
		E. Bresson et al., "Efficient Revocation in Group Signatures", Public Key Cryptography - PKC 2001, Vol. 1992 of LNCS, pp. 190-206, Springer-Verlag 2001.	
		H.J. Kim et al., "Efficient and Secure Member Deletion in Group Signature Schemes", Information Security and Cryptology - ICISC 2000, Vol. 2015 of LNCS, Springer-Verlag pp. 150-161	
		J. Camenisch et al., "A Group Signature Scheme with Improved Efficiency", Advances in Cryptology, ASIACRYPT '98, Vol. 1514 of LNCS, Springer-Verlag pp. 160-174, 1998	
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